STATE OF COLORADO JUDICIAL DEPARTMENT

State Court Administrators Office
1300 Broadway, Suite 1100
Denver, CO 80203

REQUEST FOR PROPOSAL

SOLICITATION NUMBER: JUD-RFP-14-SCAOAV-01 DATE: January 7, 2014

Supplier must also show this solicitation number on the return envelope or package.

The State of Colorado Judicial Department, by and through Judicial Business Integrated with Technology Services division of the State Court Administrator's Office, issues this Request for Proposal for the purpose of obtaining Audio visual product, install and warranty service.

PROPOSAL SUBMISSION DEADLINE: February 7, 2014 at 4:00 PM (Local Denver Time)

Proposals must be prepared in accordance with the instructions in this Request for Proposals.

Proposals must be received by the above date and time to be considered for award. Late proposals and proposals received by telephone, fax, or electronic means will not be accepted or considered for award.

The Solicitation Information Sheet (Attachment A) and the Pricing Information Sheet (Attachment B) and Independent Pricing (Attachment E) must be signed manually in ink by a person authorized to make an offer on behalf of the Offeror.

PROPOSALS MUST BE DELIVERED TO:

Tom Franklin
State Court Administrator's Office
1300 Broadway, suite 1200
Denver, CO 80203

Solicitation # JUD-RFP-14-SCAOAV-01

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SECTION I. PURPOSE, BACKGROUND AND GOALS

A. PURPOSE: The purpose of this Request for Proposal (RFP) is to procure Audio Visual for the 10th Judicial District and county courts in Pueblo, Colorado. The successful audio visual vendor will incorporate the following: Quality product, installation and warranty services. This includes partnering with the Judicial Department to provide suggested upgrades to quoted products as technology progresses.

B. BACKGROUND AND GOALS: The Colorado Judicial Department, by and through the State Court Administrator's Office, supports District and County Courts across the state of Colorado in their mission to serve justice. Our court audiovisual systems have become an integral component in courtroom protocol, effective evidence presentation and clear communication. Additional features such as remote interpretation, remote appearance via video and telephone have greatly enhanced the court process for both litigants and court staff.

The design specifications included in the RFP are based on achieving our audiovisual standard while also providing expansion capability for future technology.

SECTION II. ADMINISTRATIVE INFORMATION

A. RFP DOCUMENTS AND MODIFICATIONS: The Request for Proposals and accompanying documents are available on the State of Colorado BIDS System (BIDS) on the date and time specified on the cover sheet and Schedule of Activities section of this RFP.

The Judicial Department will post notices, which will include, but not be limited to, any modifications to administrative or performance requirements, answers to pertinent inquiries received, clarifications to requirements, and the announcement of the apparent winning Offeror. It is incumbent upon Offerors to carefully and regularly monitor BIDS for any such postings. The notification will be made available via the Colorado BIDS System in the form of a "modification", as published under the original solicitation number.

Offerors must be registered with the State of Colorado BIDS System as of the proposal submission deadline to be eligible for award of this solicitation.

B. SCHEDULE OF ACTIVITIES:	DATE:	LOCAL TIME:
1. RFP Issued	January 7, 2013	
2. Mandatory Pre-Proposal Conference	January 17, 2014	1:00 PM
3. Written Inquiry Deadline	January 23, 2014	4:00 PM
4. Response to Inquiry Deadline	January 28, 2014	4:00 PM
5. Proposal Submission Deadline	February 7, 2014	4:00 PM
6. Public Proposal Opening	February 7, 2014	4:05 PM
7. Completion of Evaluation	February 20, 2014 (Estimated)	
8. Approximate Date for Award Notice	February 22 , 2014	

B. PRE-PROPOSAL CONFERENCE:

There will be a mandatory Pre-Proposal Conference for all bidders to be conducted at the Pueblo County Justice Center job site on Friday, January 17, 2014 at 1:00 PM. The location of this meeting will be at the Huston Construction Offices at 663 W 6th Ave, Pueblo Colorado (formerly King Storage) which is across W. 6th from the Justice Center construction site. Please bring a hard hat and wear hard sole shoes. (The jobsite office is on the north side of W. 6th street between Elizabeth and West Street)

D. WRITTEN INQUIRIES: Inquiries may only be made in writing and must be submitted via USPS Mail or e-mail to obtain clarification of RFP requirements. Written inquiries must be received by no later than the date and time indicated in the Schedule of Activities. Written inquiries should be directed to:
Howard Steele Technology Plus – howards@technologyplus.com
Solicitation Number: **JUD-RFP-14-SCAOAV-01**

E. ACCEPTANCE OF PROPOSALS FOR EVALUATION: Proposals will be accepted for evaluation only if they are received at the correct location on or before the closing date and time. All information requested must be complete and properly signed. The solicitation number should be recorded on all proposal documents as well as on any related correspondence and shipping packages. The Solicitation Information Sheet must be manually signed in ink by a person authorized to make an offer on behalf of the Offeror. Faxed proposals and proposals received by telephone or electronic means will not be accepted.

F. PROPOSAL SUBMITTAL INSTRUCTIONS:

1. Proposals must be received no later than the proposal submission deadline stated in the Schedule of Activities.

2. The Offeror should submit one electronic copy plus one original hardcopy and three additional hardcopies copies (1 electronic and 4 hardcopies total) of the Proposal.

3. Proposals must be submitted in a sealed package and delivered or sent by mail to the following address:
   Tom Franklin
   1300 Broadway, Suite 1200
   Denver, CO 80203

4. Mark outside of package with the following information:

   Solicitation # JUD-RFP-14-SCAOAV-01Due: February 7, 4:00 pm.

   Submitted by: Offeror's Company Name and Address

5. Offeror's name must be included on specifications or descriptive papers submitted with proposal.

6. Show solicitation number on sealed envelopes or packages, and on all proposal documents. The Judicial Department assumes no responsibility for unmarked or improperly marked proposal documents. All received proposal documents showing a solicitation number are placed directly under locked security until the date and time of opening.

7. By submission of a proposal, you are guaranteeing that all commodities and services meet the requirements of the proposal during the contract period.

G. STATEMENT OF WORK:

Offerer must describe in detail the proposed solutions. Provide details of hardware that will be necessary to utilize the proposed solution. Additionally, describe any value added services.

The functional requirements of the ideal solutions should include the following features:

The proposed audiovisual solution solution for each of the 17 courtrooms, Jury Assembly Room, FAC Room, Training and Orientation Rooms based upon the Included specification documents provided by Technology Plus. (All courtrooms will be similarly equipped with the exception of the two Ceremonial courtrooms which only differ in the amount of speakers.)

The pricing on the proposal shall be fixed for a period of 1 year from the execution of the contract resulting from this RFP.

Four additional years of service may be included, with no price increase, by a written extension agreed to by both the offeror and the State of Colorado Judicial Department.

H. OFFEROR RESPONSE FORMAT / REQUIRED INFORMATION:
The Offeror must provide all information required in the RFP in the order requested.

1. Completed Solicitation Information Sheet – (Attachment A)

2. Completed Pricing Information Sheet – (Attachment B)

3. Three customer references regarding same commodity and service.

4. Financial Statements. The Judicial Department requires assurances that an Offeror will be financially stable. The Offeror should submit an audited financial statement for its most recently closed fiscal year and for the immediately preceding two fiscal years. If audited financial statements are not available, the Offeror may submit financial statements reviewed by a Certified Public Accountant (CPA). Lacking either audited or reviewed financials, the Offeror may submit annual balance sheets and income statements prepared by a CPA. The Judicial Department reserves the right to deduct evaluation points or disqualify an Offeror for failure to properly submit financial statements.

6. PRICE INCREASES: Prices are not allowed to increase in the first year. Requests for price increases after the first year, must be based on documented market increases for supplies and/or increased cost of labor as required by the workers' union contract. Any such increases can be provided only if the Department is able to obtain adequate

funding. Any proposed price increases must be submitted in writing to the Judicial Department at least 90 days prior to the end of the current contract period. Documentation supporting the price increase must accompany the request.

7. PRICE REDUCTION: If at any time after the date of the bid/proposal the Contractor makes a general price reduction in the comparable price of any material covered by the contract to customers generally, an equivalent price reduction based on similar quantities and/or considerations shall apply to this contract for the duration of the contract period (or until the price is further reduced). For purpose of this provision, a "general price reduction" shall mean any reduction in the price of an article offered to Contractor's customers generally, which was used as the basis for bidding on this solicitation. The Contractor in addition will within thirty days of any general price reduction notify the Judicial of such reduction by email. FAILURE TO DO SO MAY RESULT IN TERMINATION OF THE CONTRACT FOR CAUSE.

8. PRODUCT AVAILABILITY: The Offeror must describe lead times.

9. VALUE ADDED SERVICES: The Offeror should describe in detail any Value Added Services, at no extra cost, that they offer to The State of Colorado Judicial Department in addition to the scope of this RFP.

10. PRODUCT UPDATES: The Offeror should advise of how to provide the Department with product updates.

I. EVALUATION CRITERIA FOR A REQUEST FOR PROPOSAL: The following factors (not listed in order of priority) will be considered in evaluating each proposal. The Judicial Department reserves the right to consider other factors, not named here, in making its decision.

- Price
- Ability to achieve the functional requirements as outlined in the attached AV construction documents.
- Quality and performance of services offered
- Future availability of solution and services
- Financial History/Stability
- Customer References
- Value Added Services Provided by an Organization
- Strength and size of local Colorado organization to supply support after the sale
- Proof of Concept as explained in paragraph P below.
- Warranty Service Plan and Support
    - Please describe in detail all support services covered
    - Adequacy and completeness of proposal
    - Proposal inspires confidence in production of quality product

J. CONFIDENTIAL / PROPRIETARY INFORMATION: Any requested restrictions to the use or inspection of material contained within the proposal must be clearly stated in the proposal itself. Written requests for confidentiality must be submitted by the offeror with

the proposal. The offeror must state specifically what elements of the proposal are to be considered confidential/proprietary. Confidential/proprietary information must be readily identified, marked with the solicitation number, and separated/packaged from the rest of the proposal. Co-mingling of confidential/proprietary and other information is NOT acceptable. Under no circumstances can an entire proposal, or proposal price information be considered confidential and proprietary. Any information that will be included in any resulting contract cannot be considered confidential/proprietary.

The Judicial Department will make a determination as to the apparent validity of any written request for confidentiality. In the event the Judicial Department does not concur with the offeror's request for confidentiality, the written determination will be sent to the offeror.
After award, the proposals will be open to public inspection subject to any continued prohibition on the disclosure of confidential data.

K. OPENING OF PROPOSALS: Proposals will be opened on the date and time specified in the Schedule of Activities at the Ralph L. Carr Building, 1300 Broadway, Suite 1200, Denver, CO 80203. Offerors may, but need not, be present at the proposal opening. Each Offeror's name will be the only information announced at the proposal opening.

L. EVALUATION AND AWARD OF PROPOSALS:

1. An evaluation committee will judge the merit of proposals received according to the evaluation criteria defined in the RFP.

2. Failure of the Offeror to provide any information requested in this RFP may result in disqualification of the proposal.

3. The sole objective of the evaluation committee will be to recommend the proposal most responsive to the Judicial Department's requirements within the budget established for the RFP. The specifications within this RFP represent the minimum performance necessary for an acceptable response.

4. During or after the evaluation of written proposals, discussions may be conducted with Offerors who submit proposals determined to be reasonably susceptible of being selected for award. The evaluation committee may request a meeting if clarification discussions are needed. After the discussions, the proposals will be ranked based on the same criteria and the top-ranked proposal will be recommended by the evaluation committee to begin contract negotiations.

5. Specific evaluation criteria are outlined in the section entitled Evaluation Criteria.

6. A Purchase Agreement will be awarded to the Offeror whose proposal, conforming to this RFP, will be the most advantageous to the Judicial Department, price and other factors considered. Due to the evaluation procedure for the Request for Proposal, lowest dollar price MAY or MAY NOT indicate the successful awardee. Price constitutes only one of several evaluation criteria.

M. DISCUSSION / SITE VISITS: After the proposals have been opened, the Judicial Department may in its discretion hold discussions with individual Offerors. The purpose of any such discussions will be to promote understanding of the Judicial Department's requirements and the Offeror's proposal, and may result in modifications of commodities or services offered. No information derived from competing proposals will be disclosed during such discussions. Any resulting changes to the initial proposal must be submitted and confirmed in writing by the Offeror. In addition, the Judicial Department may request a tour of the Offeror's facility. Such site visits will be at the Offeror's expense for the entire evaluation committee and the Project Manager.

N. CANCELLATION OF REQUEST FOR PROPOSALS: The RFP may be cancelled in whole or in part either before or after opening of proposals, at any time prior to execution of the contract, if the Judicial Department determines in writing that such action is in its best interest, for reasons including but not limited to:

1. The supplies or services being procured are no longer required;
2. Funds for the procurement will not be available;
3. The RFP contained ambiguous or inadequate specifications;
4. The RFP did not provide for consideration of all significant factors;
5. Prices exceed available funds and it would not be appropriate to adjust quantities or qualities to come within available funds;
6. All otherwise acceptable proposals received are at clearly unreasonable prices, or;
7. There is reason to believe that the proposals may not have been independently arrived at in open competition, may have been collusive, or may have been submitted in bad faith.

O. AWARD PERIOD / LENGTH OF CONTRACT:

The initial contract will cover the period beginning on acceptance, and ending June 30, 2014. At the end of the initial contract term, the contract may be renewed for up to 4 additional one-year periods, upon mutual agreement of the parties either verbal or in writing. The contract may also be extended beyond the initial contract length is agreed upon by both parties either verbally or in writing.

P. PER DIEM:

PER DIEM FOR VENDOR OVERNIGHT TRAVEL WILL BE PAID AS PER STATE OF COLORADO JUDICIAL DEPARTMENT FISCAL RULES.

SECTION III. GENERAL PROVISIONS/CONDITIONS

A. SOLICITATION

1. DISCUSSION WITH OFFERORS**:** Discussions may be conducted with apparent responsive Offerors for the purpose of clarification to assure full understanding of the requirements of the solicitation. All solicitations, in the Judicial Department's sole judgment, needing clarification, shall be accorded such an opportunity.

2. OFFEROR QUALIFICATION: Offerors must upon request provide satisfactory evidence of their ability to furnish commodities or services in accordance with the terms and conditions of these specifications. The Judicial Department reserves the right to make the final determination as to the Offeror's ability to provide the commodities or services requested herein.

3. AMENDMENTS: All amendments to and interpretations of this solicitation shall be in writing from the Judicial Department. Any amendment or interpretation that is not in writing shall not legally bind the Judicial Department.

4. OFFEROR RESPONSIBILITY: Each Offeror shall become fully acquainted with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this solicitation. It is expected that this will sometimes require on-site observation. The failure or omission of an Offeror to become acquainted with existing conditions shall not provide relief of any obligation with respect to this solicitation or to the contract.

5. REJECTION: The Judicial Department reserves the right to reject any submission that contains prices for individual commodities or services that are unreasonable when compared to the same or other submissions if such action is in the best interest of the Judicial Department.

6. COMPETITION: This solicitation is intended to promote open competition. If the language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested supplier to notify the Judicial Department in writing. Written notification must be received five (5) days prior to the submission opening date. The solicitation may or may not be changed but a review of such notification will be made prior to award.

7. WAIVER: The Judicial Department reserves the right to waive any Instruction to Offerors, General or Special Provision, General or Special Condition or Specification deviation in accordance with rules established in the Colorado Judicial Department Procurement Manual.

8. RESPONSE MATERIAL OWNERSHIP: All material submitted regarding this solicitation becomes the property of the Judicial Department and will only be returned to the Offeror at the Judicial Department's option.

9. BID/BID COSTS: The Judicial Department is not liable for any cost incurred by Offerors prior to issuance of a contract or purchase order.

10. ADDITIONAL DATA: The Offeror should submit any additional information or data not requested in this solicitation which the Offeror believes should be considered in the evaluation of a response.

11. STANDARD CONTRACT: The Judicial Department reserves the right to incorporate standard contract provisions into any contract negotiations that result from a bid, bid or quote submitted in response to this solicitation.

12. F.O.B. POINT: All prices bid shall be F.O.B. Judicial Department Destination.

13. SPECIFICATION REQUIREMENT: All submissions must meet or exceed the specifications provided herein. Evaluation of the extent to which submissions meet specifications will be performed solely and determined solely by the Judicial Department.

14. NON-COLLUSION: The Offeror affirms, by signing the Solicitation Information Sheet, that the proposed price has been arrived at independently without collusion, consultation, or communication with any other Offeror or with any competitor; the said proposed price was not disclosed by the Offeror and was not knowingly discussed prior to the submission, directly or indirectly, with any other Offeror or with any competitor; and no attempt was made by the Offeror to influence any other person, partnership, or corporation for the purpose of restricting competition.

B. CONTRACT

1. VERIFICATION OF LEGAL STATUS Contractor certifies that the Contractor shall comply with the provisions of § 8-17.5-101, et. seq., C.R.S. The Contractor shall not knowingly employ or contract with an illegal alien to perform work under this contract or enter into a contract with a subcontractor that knowingly employs or contracts with an illegal alien. The Contractor represents, warrants, and agrees that it (i) has verified that it does not employ any illegal aliens, through participation in the Basic Pilot Employment Verification Program administered by the Social Security Administration and Department of Homeland Security, or (ii) otherwise will comply with the requirements of § 8-17.5-101(2)(b)(I), C.R.S. The Contractor shall comply with all reasonable requests made in the course of an investigation by the Colorado Department of Labor and Employment. If the Contractor fails to comply with any requirement of this provision or § 8-17.5-101, et.seq.,C.R.S., the Judicial Department may terminate this contract for breach and the Contractor shall be liable for actual and consequential damages to the Judicial Department.

2. PERA RETIREES: The Contractor shall have a duty to disclose to the Department any person who is a Retiree from the Colorado Public Employees' Retirement Association, or any affiliate of such Retiree, who is an owner or operator of the Contractor's business entity.

3. PAYMENT TERMS: Complete payment by Judicial Department will be made ONLY after acceptance of performance (all specifications met and services accepted by the Project Manager).

4. VENDOR OFFSET: Pursuant to Colorado Statute, the State of Colorado may withhold payments under the vendor offset intercept system for: (a) unpaid child support debt or child support arrearages; (b) unpaid balance of tax, accrued interest, or other charges specified in Article 21, Title 39, CRS; (c) unpaid loans due to the student loan division of the department of higher education; (d) owed amounts required to be paid to the unemployment compensation fund; and (e) other unpaid debts owing to the state or any agency thereof, the amount of which is found to be owing as a result of final agency determination or reduced to judgement as certified by the controller.

5. DEFAULT: In case of default by the Contractor, the Judicial Department reserves the right to purchase any or all items in default in the open market, charging the Contractor with any additional costs. The defaulting Contractor shall not be considered a responsible Offeror until the assessed charge has been satisfied.

6. TAXES: As a division of State Government, the Judicial Department is exempt from the payment of Federal, State and/or local tax assessments, and therefore, no taxes shall be charged to it under this Agreement. If the tax exemption is inapplicable or should change the Judicial Department agrees to pay all applicable taxes. The Offeror is hereby notified that when materials are purchased in certain political subdivisions, they may be required to pay sales tax even though the commodity or service is ultimately provided to the Judicial Department. Such tax payments will not be reimbursed by the Judicial Department. The Judicial Department's State tax exempt number is 98-01817.

7. CONTRACT ADMINISTRATION: Questions or problems arising after award of contract shall be directed to the Judicial Department representative identified in the contract.

8. FORCE MAJEURE: The Contractor shall not be liable for any excess costs if the failure to perform the contract arises out of causes beyond the control and without the fault or negligence of the Contractor. Such causes may include acts of God or of the public enemy, acts of the Government in its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather. In every case the failure to perform must be beyond the control and without the fault or negligence of the Contractor. If the failure to perform is caused by

default of a subcontractor, and such default is beyond the control of both the Contractor and subcontractor, the Contractor shall not be liable for any excess costs for failure to perform. However, the sub-contractor default does not apply if the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the Contractor to meet the required delivery schedule.

9. INDEMNIFICATION: To the extent authorized by law, the Contractor shall indemnify, save, and hold harmless the Judicial Department, its employees and agents, against any and all claims, damages, liability, and court awards. This includes any costs, expenses, and attorney fees incurred as a result of any act or omission, by the Contractor, or its employees, agents, subcontractors, or assignees pursuant to the terms of the contract.

10. PUBLICITY RELEASES: Contractor agrees not to refer to award of this project in commercial advertising in such a manner as to state or imply that the commodities or services provided are endorsed or preferred by the Judicial Department.

11. CHOICE OF LAW/VENUE: The laws of the State of Colorado, U.S.A. shall govern in connection with the formation, performance, and the legal enforcement of any contract or purchase order issued under this solicitation and the venue for any suit or claim arising from the performance of this contract or purchase order shall be in the courts of the State of Colorado.

12. QUALITY OF PRODUCT: (This clause does not apply to solicitations for service requirements.) Unless otherwise indicated in the solicitation, it is understood and agreed that any item offered or shipped on this solicitation shall be new and in first class condition, that all containers shall be new and suitable for storage or shipment, and that prices include standard commercial packaging.

13. ASSIGNMENT: Any contract resulting from this solicitation may not be assigned, sublet, or transferred without the written consent of the Judicial Department.

14. FAIR EMPLOYMENT: The Contractor must comply with all Federal and State requirements concerning fair employment and employment of the handicapped, and concerning the treatment of all employees, without regard or discrimination by reason of race, color, religion, sex, national origin, or physical handicap.

15. PURCHASES FROM OTHER SOURCES: The Judicial Department reserves the right to purchase separately any unusual requirements or large quantities of the items specified in this solicitation.

16. TERMINATION OF CONTRACT: Any contract or purchase order resulting from this solicitation may be terminated by the Judicial Department in the following circumstances:

    a. For Convenience. The Judicial Department may terminate the contract, in whole or in part, for convenience of the agency, when the interests of the Judicial Department so require. The Judicial Department representative shall give at least 30 days written notice of such termination, specifying the part of the contract terminated and when the termination becomes effective. In the event of such termination, the Contractor will incur no further obligations with regard to the terminated work, and shall be compensated for any such work satisfactorily completed up to the effective date of the termination.

    b. For Cause/Default. The Judicial Department may terminate the contract upon default by Contractor, effective immediately upon receipt of notice, or at any time thereafter in the discretion of the Judicial Department. "Default" is defined as the failure to fulfill in a timely and satisfactory manner any of the duties or obligations required under the contract. The Judicial Department may in its discretion permit the Contractor a period of time to cure the default.

    c. For Loss of Funds. In the event that funding for any activity established by the contract is discontinued or decreased by the State of Colorado, the Judicial Department may terminate the contract or reduce its scope without penalty effective immediately upon receipt of notice of such termination or reduction. In the event of such termination or reduction, the Contractor will be

compensated for the value of services actually performed, if any, prior to the effective date of the termination or reduction.

17. ITEM SUBSTITUTION: (This clause does not apply to solicitations for service requirements.) No substitutes will be allowed on purchase agreements without permission from the Judicial Department.

18. INSURANCE REQUIREMENTS:

a. The contractor shall obtain, and maintain at all times during the term of this contract, insurance in the following kinds and amounts:

1) Workers' Compensation Insurance as required by state statute, and Employer's Liability Insurance covering all of contractor's employees acting within the course and scope of their employment.

2) Commercial General Liability Insurance written on ISO occurrence form CG 00 01 10/93 or equivalent, covering premises operations, fire damage, independent contractors, products and completed operations, blanket contractual liability, personal injury, and advertising liability with minimum limits as follows:

i. $1,000,000 each occurrence;

ii. $1,000,000 general aggregate;

iii. $1,000,000 products and completed operations aggregate; and

iv. $50,000 any one fire.

If any aggregate limit is reduced below $1,000,000 because of claims made or paid, the contractor shall immediately obtain additional insurance to restore the full aggregate limit and furnish to the State a certificate or other document satisfactory to the State showing compliance with this provision.

3) Automobile Liability Insurance covering any auto (including owned, hired and non-owned autos) with a minimum limit as follows: $1,000,000 each accident combined single limit.

4) Professional liability insurance with minimum limits of liability of not less than $TBD. (Applies to professional services only)

b. The State of Colorado shall be named as additional insured on the Commercial General Liability and Automobile Liability Insurance policies (leases and construction contracts will require the additional insured coverage for completed operations on endorsements CG 2010 11/85, CG 2037, or equivalent). Coverage required of the contract will be primary over any insurance or self-insurance program carried by the State of Colorado.

c. The Insurance shall include provisions preventing cancellation or non-renewal without at least 45 days prior notice to the State by certified mail.

d. The contractor will require all insurance policies in any way related to the contract and secured and maintained by the contractor to include clauses stating that each carrier will waive all rights of recovery, under subrogation or otherwise, against the State of Colorado, its agencies, institutions, organizations, officers, agents, employees and volunteers.

e. All policies evidencing the insurance coverages required hereunder shall be issued by insurance companies satisfactory to the State.

f. The contractor shall provide certificates showing insurance coverage required by this contract to the State within 7 business days of the effective date of the contract, but in no event later than the commencement of the services or delivery of the goods under the contract. No later than 15 days prior to the expiration date of any such coverage, the contractor shall deliver the State certificates of insurance evidencing renewals thereof. At any time during the term of this contract, the State

may request in writing, and the contractor shall thereupon within 10 days supply to the State, evidence satisfactory to the State of compliance with the provisions of this section.

g. Notwithstanding subsection A of this section, if the contractor is a "public entity" within the meaning of the Colorado Governmental Immunity Act CRS 24-10-101, et seq., as amended ("Act'), the contractor shall at all times during the term of this contract maintain only such liability insurance, by commercial policy or self-insurance, as is necessary to meet its liabilities under the Act. Upon request by the State, the contractor shall show proof of such insurance satisfactory to the State.

SECTION 274100 - AUDIO-VIDEO SYSTEMS REVISED 12-2-13

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specifications Sections, apply to this Section.

B. Division 26 Electrical

C. Division 27 Communications

D. Division 28 Electronic Safety and Security

1.2 DEFINITION OF TERMS

A. The term “Owner” shall refer to 10th Judicial District

B. The term “Architect” shall refer to DLR Group

C. The term “Consultant” shall refer to Technology Plus

D. The term “General Contractor” shall refer to HW Houston

E. The term “Contractor” shall refer to the successful bidder, who has the responsibility for installation and performance of the work specified herein.

1.3 SYSTEM DESCRIPTION

A. Overview

1. The project shall include seventeen (17) new court room spaces, not all of which shall be fitted out at this time. All courtrooms scheduled for completion shall be similarly equipped and include a zoned a speech reinforcement system and the FTR digital court reporter. The FTR Reporter and a number of other system components shall be Owner furnished as listed in the Appendix.

2. The equipment lists in Section 2 of this document represent complete systems. Refer to the Appendix to determine which items will be Owner furnished and deduct these items from your bid documents.

3. Pricing for the Courtrooms shall be on a per Courtroom type basis.

4. Four (4) portable carts with document cameras shall be provided.

5. Six (6) portable Evidence Display Carts shall be provided.

6. The Jury Assembly Area, Orientation Room and Training Room shall be equipped with an audiovisual system as shown on the drawings.

7. Three Waiting Areas shall be equipped with flat panels used to inform and instruct persons in either a queue line or in a seated area.

B. Courtrooms

1. Three (3) types of Courtrooms are included in this project, however the only variation in the designs are the number of ceiling speakers. The audiovisual equipment shall be located in the provided AV equipment rooms as shown on the drawings. The design is such that with the exception of the Magistrate Courtroom on Floor 1, each AV equipment room shall have one (1) equipment rack that supports the two (2) adjacent courtrooms.

2. The Courtroom types are as follows:

   a. Standard Courtroom

   b. Ceremonial Courtroom

   c. Magistrate Courtroom

3. Audio System

   a. Microphones shall be located at the judge, clerk, attorney's tables, witness stand and lectern. A hand held wireless microphone shall be provided for the jury box and other use as needed. The audio from these microphones and from other audiovisual equipment in the courtroom shall be heard via ceiling-mounted speakers located to provide even distribution of sound throughout the courtroom.

   b. A "Side Bar" microphone shall be located at the front of the judge's bench.

   c. The bench shall have a control panel that provides a volume control, mute button and a "Sidebar" button. Pushing this button shall mute the Judge's microphone and put "pink noise" into the loudspeakers located over the witness box, jury box and gallery. The mute button shall silence all microphones in the courtroom, except the wireless microphone which will be removed from amplification, while continuing to record.

   d. A two-channel assisted listening system shall be provided for each courtroom. Channel one (1) is for assisted listening in the courtroom and channel two (2) is for translation. The receivers shall have the capability to use both earphone as well as neck loop ("T" coil) for users with hearing aid devices. An infrared system is preferred for privacy and exhangeability between rooms.

   e. The FTR digital court reporter shall be located at the bench and connected to the audiovisual system as shown on the drawings.

4. Video Evidence Display System

   a. A DVD/VHS player shall be located at the Clerk's position and connected as shown on the drawings.

   b. A connection point at the Clerk's position shall be provided to connect the required signals to utilize a "soft codec" video conference system.

c. Three (3) connection points are located, as shown on the drawings, for connection of a Flat Panel Monitor Cart or Evidence Display Cart.

d. Connection points are also located at the floor boxes, Judge's bench, Clerk position and lectern. All CAT 6a RJ-45 jacks shall be color coded as follows:

1) Inputs to the system shall be Green and shall be labeled "INPUT".
2) Outputs from the system shall be Red and shall be labeled "OUTPUT".

e. A Crestron Digital Matrix HDBaseT system shall be provided and connected as shown on the drawings.

1) All cabling for this system shall be CAT6a that meets or exceeds the Crestron's specifications.

f. Control of the audiovisual system shall be via a computer located at the Judge's position. Control shall include but not be limited to:

1) System ON/OFF
2) Source Selection
3) Video Conference Enable
4) System Volume UP/DOWN
5) Sidebar ON/OFF
6) Image Mute (to all but Judge's monitor, for Judge's preview before displaying to jury)
7) Audio Mute

5. Flat Panel Carts

a. A total of six (6) Flat Panel Carts shall be provided and each shall be equipped with a flat panel monitor and a DM receiver.

1) The DM receiver HDMI output shall be connected to the flat panel input.

2) A twelve (12) foot CAT 6a shielded red patch cord shall be provided with one end connected to the DM receiver input and secured to the cart.

6. Video Evidence Cart

a. A total of four (4) Video Evidence Carts shall be provided and each shall be equipped with a document camera and a DM transmitter.

1) The document camera digital output shall be connected to the DM transmitter HDMI input.
2) A twelve (12) foot CAT 6a shielded green patch cord shall be provided with one end connected to the DM transmitter output and secured to the cart.

C. Jury Assembly Room

1. Flat panel displays shall be provided for this space and located as shown on the drawings, and adjusted to provide coverage to the space.

2. Video sources to the displays shall include computer signals, a DVD player and local television signals.

a. A wall plate, located as shown on the drawings, shall provide a connection point for a laptop or other audiovisual device.

3. A wireless microphone shall be provided for use in this space.

4. A desktop microphone shall be provided at the reception desk.
5. The audio from the DVD player, computer sources and the microphones shall be heard via ceiling-mounted speakers.
6. An Assisted Listening system shall be provided for this space.
7. Control of the system shall be via a wall mounted keypad controller. Control shall include but not be limited to:
    a. Displays ON/OFF
    b. Source Selection
    c. Audio Level UP/DOWN

D. Training Room

1. The Training Room shall be equipped with a digital multi-media presentation system consisting of a ceiling-mounted projector and ceiling-mounted electrically controlled projection screen. Video sources shall be computer signals, a DVD player or other audiovisual source.
    a. A wall plate shall be provided as a connection point for a laptop of other portable audiovisual device. A wireless microphone system is included.
2. Audio from the video sources and the wireless microphone shall be heard via ceiling-mounted speakers.
3. Control of the system shall be via a wall mounted keypad controller. Control shall include but not be limited to:
    a. System ON/OFF
    b. Source Selection
    c. Projection Screen UP/DOWN
    d. Audio Level UP/DOWN

E. Orientation Room

1. The Orientation Room shall be equipped with a digital multi-media presentation system using a flat panel monitor. Video sources shall be a BluRay player and OFE desktop computer.
    a. A wall plate shall be provided as a connection point for the computer.
2. A wireless microphone shall be provided.
3. Audio from the video sources and the wireless microphone shall be heard via ceiling mounted speakers.
4. Control of the system shall be controlled via a control system and a wall mounted keypad. Control shall include but not be limited to:
    a. System ON/OFF
    b. Source selection
    c. Audio level UP/DOWN

F. FAC Waiting

1. This large waiting area shall be equipped with three (3) flat panel monitors and ceiling mounted speakers which connect to the audiovisual system as shown on the drawings. Inputs to the system include a DVD player, a digital signage player and an OFE computer workstation.
2. A paging system shall be provided with a microphone located at the clerk's position.
3. There are four (4) small offices at the rear of this space and each shall have a push to talk paging microphone that is connect to the audiovisual system as shown on the drawings.
4. An Assisted Listening system shall be provided for this space.
5. The audiovisual system shall be controlled via a control system with a wall mounted keypad. Control shall include but not be limited to:
    a. System ON/OFF
    b. Source selection
    c. Audio level UP/DOWN
    d. Paging volume UP/DOWN

G. Waiting Area 204, 205 and 206

1. This space is divided into two (2) waiting areas. Room 204 shall have one (1) flat panel, Room 206 shall have (3) flat panels, located as shown on the drawings.
    a. Audio shall be heard from the flat panel speakers in Room 204.
    b. Audio shall be heard via ceiling mounted speakers in Room 206.
2. Two (2) DVD players shall be provided and connect as shown on the drawings.
3. Control of system shall be via a wall mounted key pad. Control shall include but not be limited to:
    a. System ON/OFF
    b. DVD Player selection
    c. Room 204Audio level UP/DOWN
    d. Room 206 Audio level UP/DOWN

H. Spares

1. Courtroom audiovisual system spares shall be provided in the types and quantities as shown in Section 2 of this document.
    a. The DSP spare shall be a fully assembled and programmed unit.

1.4 QUALIFICATIONS

A. Provide written and verifiable evidence of each of the listed qualifications:

1. The bidders must demonstrate that they have the experience, capability and resources necessary to perform the work and complete according to schedule.
2. The Contractor shall meet all applicable regulations.

3. The Contractor shall be a firm normally employed in the commercial and performance A/V industry.

B. The Contractor must adhere to the engineering, installation and testing procedures and utilize the authorized manufacturer components and distribution channels.

C. The Contractor shall be experienced in all aspects of this work and shall be required to demonstrate direct experience on recent systems of similar type and size.

D. The Contractor shall own and maintain tools and equipment necessary for successful installation, equalization and testing of the systems and have personnel who are adequately trained in the use of such tools and equipment.

E. A resume of qualifications shall be submitted with the Contractor's proposal indicating the following:

1. A list of five recently completed projects using the product proposed of similar type and size with contact names and telephone numbers for each.
2. A technical resume of experience for the Contractor's Project Manager and on-site installation Supervisor who shall be assigned to this project.
3. Be a direct dealer for key equipment
4. Bondable to one (1) percent or as required on the project

1.5 CONTRACTOR'S RESPONSIBILITIES

A. The intent of this specification is to provide the groundwork for a complete and satisfactory operating system. All equipment and installation material required to fulfill the above shall be furnished whether or not specified or on the drawings.

B. The work herein specified shall be performed by fully competent workers, in a thorough manner. All work shall be completed to the satisfaction of the Consultant.

C. The Contactor will provide shop drawings and cut sheets for review and approval before any work will commence. This will include all information necessary for the complete wiring and installation of the system.

D. The Contractor shall provide touch panel renditions and control system step-by-step operation for review and approval by Consultant and Owner prior to uploading software and GUI files.

E. The Contractor will provide a schedule for fabrication, rack builds, cable pulls, equipment installation, termination and acceptance testing.

F. The Contractor will provide on-site coordination with other trades and on-going supervision for the project.

G. Any questions concerning this document should be addressed in writing to:

1. Howard Steele howards@technologyplus.com

H. The Contractor shall provide training sessions as described in this document.

I. The Contractor is responsible for providing weekly status reports to the General Contractor and the Consultant outlining the progress on the project. The following should be included in this status report:

1. Date of project submittals
2. Percentage of completion of rack fabrication and other in-house work
3. Percentage of completion of wire pulls and other wire installation
4. Date of equipment arrival on-site
5. Percentage of completion of wire termination and equipment installation
6. Non-conformance to schedule or other issues

J. All materials and equipment supplied by the Contractor shall be new, the latest model and meet or exceed the published specifications of the manufacturer, unless otherwise approved by the Consultant.

K. All equipment shall meet applicable code requirements.

L. Standards:

1. All work shall be performed in accordance with the latest revisions of the following standards and codes:
   a. Local Building Codes
   b. Local Electrical Codes
   c. NEC National Electrical Code

M. Other references:

1. ANSI/TIA/EIA-569-B - Commercial Building Standard for Telecommunications Pathways and Spaces
2. ANSI/TIA/EIA-607-A - Commercial Building Grounding and Bonding Requirements for Telecommunications
3. ISO/IEC 11801 - Generic Cabling Standard
4. ANSI/IEEE C62.41-1991 Recommended practice on Surge Voltages in Low Voltage AC Power Circuits
5. UL -1283 Standard for Safety - Electromagnetic Interference Filters
6. UL -1449, 2nd Edition Standard for Safety - Transient Voltage Surge Suppressors
7. NFPA 70 National Electrical Code
8. NFPA 75 Standard for the Protection Electronic Computer Systems
9. CCITT National Electrical Manufacturers Association; (NEMA LS1-1992 Guidelines) Low Voltage Surge Protection Devices

N. Prior to beginning any work, the Contractor will submit the following:

1. Shop drawings, showing all manufacturers' product model and type
2. Number identification for all cables and wires
3. Detailed information on the input and output connections for each device.
4. Drawings of rack equipment locations
5. Details of any custom design devices.

O. At the completion of all work, the Contractor will submit the following:

1. The Contractor will provide two copies each of the following:
   a. Test results for all systems
   b. Operation manuals for each piece of equipment
   c. "As-Built" drawings
   d. Systems Operation and Maintenance Manuals
   e. Any software specifically written for the project
   f. Source code for all systems must be provided.
   g. Systems Operation and Maintenance Manuals
   h. All details specific to the software-equipment functionality
   i. List of all MAC addresses, IP addresses, ports, etc, for all equipment attached to the Owner's networks.

1.6 SUB-CONTRACT

A. No sub-contract will be permitted for the Contractor's responsibilities, unless specifically identified in the bid submission and approved by the Owner and Consultant.

B. Should sub-contractor be utilized, the Contractor shall have sole responsibility for the satisfactory implementation and performance of the system.

1.7 SYSTEM WARRANTY REQUIREMENTS

A. Warranty Statement

1. The Contractor shall include a statement of warranty on the installed system and all equipment. The warranty period shall be for one (1) year from the date of acceptance or the first beneficial use, whichever is first, against defective materials, design, workmanship and improper adjustment. Any defective material shall be removed, repaired or replaced and installed at no cost to the Owner, provided it does not show abuse.

2. The Contractor shall warranty all equipment for that period, superseding the manufactures warranty where necessary. The warranty shall include all costs incurred by the Contractor for removing, repairing and re-installing malfunctioning equipment.

3. Some Manufacturers require that only authorized dealers install and warranty their equipment. If the Manufacturer does not authorize the Contractor, it is the Contractor's responsibility to make the appropriate arrangements and bear all cost and consequences of that arrangement.

4. The warranty shall include a four (4) site visits to perform preventive maintenance, repairs and adjustments as necessary to insure that the system performance meets specifications.

B. All manufacturers' equipment warranties are to be activated in the Owner's name and will commence on the date of system acceptance. The Contractor will warrant contractor-modified equipment for the warranty period described above.

C. Support

1. The Contractor will respond to a request for service within two (2) hours by telephone and on-site support, if required, will occur within twenty-four (24) hours after the request for service.

2. Telephone support will be available during the Contractor's published normal business hours Monday through Friday.

D. Service Contract

1. The Contractor shall offer a separate service contract for two (2) years on a year-to-year basis. This service contract shall cover a minimum of two (2) visits per year and scheduled as per the Owner's request, to perform preventive maintenance, repairs and adjustments, as necessary.

2. The service contract will include the scheduled replacement of lamps for projectors and other display devices. This contract should also include adjustment of equipment to maintain optimum image and sound quality as well as maintaining all other components of all installed systems to meet the specifications of this document.

3. The service contract shall commence immediately after expiration of the warranty period.

4. The contract should include separate costs and contact information for emergency and after hour's service.

1.8 EQUIPMENT DELIVERY AND STORAGE

A. Costs of all shipping and storage requirements shall be borne by the Contractor unless otherwise directed in writing by the Consultant. The Contractor will make appropriate arrangements and coordinate with authorized personnel at the site for the acceptance, protection and storage of the delivered equipment. Unless specific arrangements are made the Contractor will be responsible for all equipment delivered to the site until formal acceptance by the Owner.

1.9 SITE REQUIREMENTS

A. The Contractor will clean up the project site on a daily basis. The Contractor will be responsible for the coordination of their work with other trades who are working in the same location on the project site. The Contractor will be responsible for repairing any damage caused to the premises by the Contractor's installation activities.

1.10 OWNER TRAINING

A. The Contractor will provide training by a qualified instructor to personnel designated by the Owner. In the event the Contractor does not have an instructor on staff, a Manufacturer's representative will be provided by the Contractor at no additional cost to provide the training.

B. All training shall take place after the system acceptance tests and the systems are operational.

C. The training will be divided into four (4) sessions of two (2) hours each and this training is to be done with the Owner's designated representatives. The Contractor will provide the schedule for training and a sign in sheet.

D. Should the Owner request additional training; the Contractor will make the appropriate arrangements and provide to the Owner the costs for this training.

E. All training materials and the training plan shall be reviewed and approved by the Owner prior to training sessions.

1.11 PUBLICATION

A. No information relative to this job may be released for publication without prior written approval from the Owner, Architect and the Consultant.

1.12 INSURANCE

A. The Contractor shall procure and maintain the required comprehensive liability and property damage insurance as required by the General Contractor for the duration of this project.

PART 2 - PRODUCTS

2.1 AUDIOVISUAL EQUIPMENT

A. Standard Courtroom

1. Equipment list:

Pueblo County Judicial Building			
STANDARD COURTROOM			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Preview Monitor	3	Viewsonic	VA1948m-LED
Pop up AV interface	2	Extron	HSA400
DigitalMedia 8G+ Transmitter	2	Crestron	DM-TX-200-C-2G
DigitalMedia 8G+ Transmitter	3	Crestron	DM-TX-201-C
DigitalMedia 8G+ Receiver	3	Crestron	DM-RMC-SCALER-C
8x8 DigitalMedia Switcher	1	Crestron	DM-MD8X8
DigitalMedia 8G+ Input Card	8	Crestron	DMC-C
4 DM 8G+ w/2 HDMI Output Card	2	Crestron	DMCO-55
2 x 1 HDMI Switcher	1	Extron	60-841-21
1 X 2 DVI DA	1	Extron	60-886-02
DVD/VHS Player, HDMI Out	1	TBD	
AUDIO			
Microphone, Desktop	5	Shure	MX418D/C
Microphone, Gooseneck	1	Shure	MX418/C
Microphone, Boundary	1	Shure	MX395B/O
Desktop Speaker w/ Volume Control	2	TBD	
Ceiling Speaker	11	Atlas	FAP62T
8-Ch Amplifier	1	QSC	CX108V
Stationary IR Transmitter	2	Listen	LT-82-01
Universal Rack Mounting Kit	1	Listen	LA-326
Stationary IR Radiator - Grey	1	Listen	LA-140-GY
IR Lanyard 4-Channel Receiver	4	Listen	LR-44
IR Stethoscope 4-Channel Receiver	4	Listen	LR-42
NiMH Rechargeable Battery Pack	8	Listen	LA-364
8-Unit IR Charging Station	1	Listen	LA-305-01
Ear Speaker	4	Listen	LA-164
Neck Loop	2	Listen	LA-166
Assisted ListeningSignage Kit	1	Listen	LA-304
Audio De Embedder	1	Crestron	HD-DA-2
Ear Speaker	1	Biamp	AudiaFLEX NC
AEC Input Card	4	Biamp	AEC-2HD
Input card	1	Biamp	IP-2
Output card	6	Biamp	OP-2e
Telephone interface card	1	Biamp	TI-2
Wireless System Microphone Base	1	Revo	02-HDDUAI-NM
XLR Transmitter	1	Revo	01-HDXLRMIC-11
Microphone	1	Shure	BETA 58A
OTHER			
Equipment Rack	0.5	MAP	SR-40-22
Control System Processor	1	Crestron	CP3N

B. Ceremonial Courtroom

1. Equipment list:

Pueblo County Judicial Building			
CEREMONIAL COURTROOM			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Preview Monitor	3	Viewsonic	VA1948m-LED
Pop up AV interface	2	Extron	HSA400
DigitalMedia 8G+ Transmitter	2	Crestron	DM-TX-200-C-2G
DigitalMedia 8G+ Transmitter	3	Crestron	DM-TX-201-C
DigitalMedia 8G+ Receiver	3	Crestron	DM-RMC-SCALER-C
8x8 DigitalMedia Switcher	1	Crestron	DM-MD8X8
DigitalMedia 8G+ Input Card	8	Crestron	DMC-C
4 DM 8G+ w/2 HDMI Output Card	2	Crestron	DMCO-55
2 x 1 HDMI Switcher	1	Extron	60-841-21
1 X 2 DVI DA	1	Extron	60-886-02
DVD/VHS Player, HDMI Out	1	TBD	
AUDIO			
Microphone, Desktop	5	Shure	MX418D/C
Microphone, Gooseneck	1	Shure	MX418/C
Microphone, Boundary	1	Shure	MX395B/O
Desktop Speaker w/ Volume Control	2	TBD	
Ceiling Speaker	17	Atlas	FAP62T
8-Ch Amplifier	1	QSC	CX108V
Stationary IR Transmitter	2	Listen	LT-82-01
Universal Rack Mounting Kit	1	Listen	LA-326
Stationary IR Radiator - Grey	1	Listen	LA-140-GY
IR Lanyard 4-Channel Receiver	4	Listen	LR-44
IR Stethoscope 4-Channel Receiver	4	Listen	LR-42
NiMH Rechargeable Battery Pack	8	Listen	LA-364
8-Unit IR Charging Station	1	Listen	LA-305-01
Ear Speaker	4	Listen	LA-164
Neck Loop	2	Listen	LA-166
Assisted ListeningSignage Kit	1	Listen	LA-304
Audio De Embedder	1	Crestron	HD-DA-2
DSP Processor	1	Biamp	AudiaFLEX NC
AEC Input Card	4	Biamp	AEC-2HD
Input card	1	Biamp	IP-2
Output card	6	Biamp	OP-2e
Telephone interface card	1	Biamp	TI-2
Wireless System Microphone Base	1	Revo	02-HDDUAl-NM
XLR Transmitter	1	Revo	01-HDXLRMIC-11
Microphone	1	Shure	BETA 58A
OTHER			
Equipment Rack	0.5	MAP	SR-40-22
Control System Processor	1	Crestron	CP3N

C. Magistrate Courtroom

1. Equipment list:

Pueblo County Judicial Building			
MAGISTRATE COURTROOM			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Preview Monitor	3	Viewsonic	VA1948m-LED
Pop up AV interface	2	Extron	HSA400
DigitalMedia 8G+ Transmitter	2	Crestron	DM-TX-200-C-2G
DigitalMedia 8G+ Transmitter	3	Crestron	DM-TX-201-C
DigitalMedia 8G+ Receiver	3	Crestron	DM-RMC-SCALER-C
8x8 DigitalMedia Switcher	1	Crestron	DM-MD8X8
DigitalMedia 8G+ Input Card	8	Crestron	DMC-C
4 DM 8G+ w/2 HDMI Output Card	2	Crestron	DMCO-55
2 x 1 HDMI Switcher	1	Extron	60-841-21
1 X 2 DVI DA	1	Extron	60-886-02
DVD/VHS Player, HDMI Out	1	TBD	
AUDIO			
Microphone, Desktop	5	Shure	MX418D/C
Microphone, Gooseneck	1	Shure	MX418/C
Microphone, Boundary	1	Shure	MX395B/O
Desktop Speaker w/ Volume Control	2	TBD	
Ceiling Speaker	9	Atlas	FAP62T
8-Ch Amplifier	1	QSC	CX108V
Stationary IR Transmitter	2	Listen	LT-82-01
Universal Rack Mounting Kit	1	Listen	LA-326
Stationary IR Radiator - Grey	1	Listen	LA-140-GY
IR Lanyard 4-Channel Receiver	4	Listen	LR-44
IR Stethoscope 4-Channel Receiver	4	Listen	LR-42
NiMH Rechargeable Battery Pack	8	Listen	LA-364
8-Unit IR Charging Station	1	Listen	LA-305-01
Ear Speaker	4	Listen	LA-164
Neck Loop	2	Listen	LA-166
Assisted ListeningSignage Kit	1	Listen	LA-304
Audio De Embedder	1	Crestron	HD-DA-2
DSP Processor	1	Biamp	AudiaFLEX NC
AEC Input Card	4	Biamp	AEC-2HD
Input card	1	Biamp	IP-2
Output card	6	Biamp	OP-2e
Telephone interface card	1	Biamp	TI-2
Wireless System Microphone Base	1	Revo	02-HDDUAl-NM
XLR Transmitter	1	Revo	01-HDXLRMIC-11
Microphone	1	Shure	BETA 58A
OTHER			
Equipment Rack	0.5	MAP	SR-40-22
Control System Processor	1	Crestron	CP3N

D. Jury Assembly Room

1. Equipment list:

Pueblo County Judicial Building			
JURY ASSEMBLY ROOM (Qty. 1)			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Switcher/Scaler	1	Extron	60-1081-01
Flat Panel	4	Samsung	UN55F6300AF
Flat Panel Mount	4	Chief	PCM
1:4 Distribution Amp	1	Extron	60-998-01
Blu-Ray Player	1	Sony	TBD
1:2 VGA DA	1	Extron	60-046-03
AUDIO			
Ceiling Speaker	12	Atlas	FAP62T
Audio DSP	1	Biamp	Nexia CS
Power Amplifier	1	Extron	60-850-01
Stationary IR Transmitter	1	Listen	LT-82-01
Universal Rack Mounting Kit	1	Listen	LA-326
Stationary IR Radiator - Grey	1	Listen	LA-140-GY
IR Lanyard 4-Channel Receiver	4	Listen	LR-44
IR Stethoscope 4-Channel Receiver	4	Listen	LR-42
NiMH Rechargeable Battery Pack	8	Listen	LA-364
8-Unit IR Charging Station	1	Listen	LA-305-01
Ear Speaker	4	Listen	LA-164
Neck Loop	2	Listen	LA-166
Assisted ListeningSignage Kit	1	Listen	LA-304
Paging Microphone	1	Shure	522
OTHER			
Equipment Rack	1	MAP	BRK12
Control System	1	Crestron	AV2
Ethernet Card	1	Crestron	C2ENET-1
Push Button I/O	1	Crestron	CXN-B12-W-T
Power Supply	1	Crestron	CNPWS-75

E. Orientation Room

1. Equipment list:

Pueblo County Judicial Building			
ORIENTATION ROOM (Qty. 1)			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Projector	1	Christie	LW401
Mount	1	Chief	RPM-U
Electric Screen	1	Da-lite	84327L
Switcher/Scaler	1	Extron	60-1081-01
Blu-Ray Player	1	Sony	TBD
1:2 VGA DA	1	Extron	60-046-03
AUDIO			
Ceiling Speaker	6	Atlas	FAP62T
Wireless Microphone	1	Shure	ULXS124/85
Power Amplifier	1	Extron	60-845-01
OTHER			
Equipment Rack	1	MAP	SRSR-2-12
Control System	1	Crestron	CP-3
Push Button I/O	1	Crestron	C2N-DB12-W-T

F. Evident Display Cart

1. Equipment list:

Pueblo County Judicial Building			
EVIDENCE DISPLAY CART (Qty. 4)			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Document Camera	1	Samsung	SDP 960
Wheeled Cart	1	Tuffy	WT34E
DigitalMedia 8G+ Transmitter	1	Crestron	DM-TX-201-C

G. Flat Panel Cart

1. Equipment List:

Pueblo County Judicial Building			
FLAT PANEL CART (Qty. 6)			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Flat Panel Monitor	1	Samsung	55EX
Wheeled Monitor Cart	1	Chief	PFCUB
DigitalMedia 8G+ Receiver	1	Crestron	DM-RMC-SCALER-C

H. FAC Waiting Room

1. Equipment List:

Pueblo County Judicial Building			
FAC WAITING AREA			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Switcher/Scaler	1	Extron	60-1081-01
Flat Panel	3	Samsung	UN46F6300AF
Flat Panel Mount	3	Chief	PCMU
1:4 Distribution Amp	1	Extron	60-998-01
Blu-Ray Player	1	Sony	TBD
1:2 VGA DA	1	Extron	60-046-03
AUDIO			
Ceiling Speaker	9	Atlas	FAP62T
Audio DSP	1	Biamp	Nexia CS
Power Amplifier	1	Crown	280A
Stationary IR Transmitter	1	Listen	LT-82-01
Universal Rack Mounting Kit	1	Listen	LA-326
Stationary IR Radiator - Grey	1	Listen	LA-140-GY
IR Lanyard 4-Channel Receiver	4	Listen	LR-44
IR Stethoscope 4-Channel Receiver	4	Listen	LR-42
NiMH Rechargeable Battery Pack	8	Listen	LA-364
8-Unit IR Charging Station	1	Listen	LA-305-01
Ear Speaker	4	Listen	LA-164
Neck Loop	2	Listen	LA-166
Assisted ListeningSignage Kit	1	Listen	LA-304
Paging Microphone	5	Shure	522
OTHER			
Equipment Rack	1	MAP	BRK12
Control System	1	Crestron	AV2
Ethernet Card	1	Crestron	C2-ENET1
Push Button I/O	1	Crestron	CN-B12-W-T
Power Supply	1	Crestron	CNPWS-75

I. Training Room

1. Equipment List:

Pueblo County Judicial Building			
TRAINING ROOM (Qty. 1)			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Projector	1	Christie	LW401
Mount	1	Chief	RPM-U
Electric Screen	1	Da-lite	34516LS
Switcher/Scaler	1	Extron	60-1081-01
Blu-Ray Player	1	Sony	TBD
1:2 VGA DA	1	Extron	60-046-03
AUDIO			
Ceiling Speaker	6	Atlas	FAP62T
Wireless Microphone	1	Shure	ULXS124/85
Power Amplifier	1	Extron	60-845-01
OTHER			
Equipment Rack	1	MAP	ERK-1820
Control System	1	Crestron	CP-3
Push Button I/O	1	Crestron	C2N-DB12-W-T

J. Waiting Room 205

1. Equipment List:

Pueblo County Judicial Building			
WAITING AREA 205 (Qty. 1)			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Flat Panel	4	Samsung	UN46F6300AF
Flat Panel Mount (Ceiling)	4	Chief	PCMU
4 x 4 HDMI Matrix	1	Extron	60-880-01
Blu-Ray Player	2	Sony	BDP-S380
AUDIO			
Power Amplifier	1	Extron	60-485-01
DSP	1	Extron	60-1095-01
Ceiling Speaker	2	Atlas Sound	FAP62T
Audio De-Embedder	1	Extron	60-1075-01
OTHER			
System Controller	1	Crestron	AV2
Key Pad	1	Crestron	C2N-DB12-W-T

K. Spares

1. Equipment List:

Pueblo County Judicial Building			
Spares			
ITEM	**QTY**	**MFG**	**MODEL**
VIDEO			
Preview Monitor	1	Viewsonic	VA1948m-LED
DigitalMedia 8G+ Transmitter	1	Crestron	DM-TX-200-C-2G
DigitalMedia 8G+ Transmitter	1	Crestron	DM-TX-201-C
DigitalMedia 8G+ Receiver	1	Crestron	DM-RMC-SCALER-C
8x8 DigitalMedia Switcher	1	Crestron	DM-MD8X8
DigitalMedia 8G+ Input Card	1	Crestron	DMC-C
4 DM 8G+ w/2 HDMI Output Card	1	Crestron	DMCO-55
DVD/VHS Play with HDMI Out	1	Sony	BDP-S1100
AUDIO			
Microphone, Desktop	1	Shure	MX418D/C
Microphone, Gooseneck	1	Shure	MX418/C
Microphone, Boundary	1	Shure	MX395B/BI
Desktop Speaker	1	JW Davis	A-5T 70 Volt
Ceiling Speaker	1	Atlas	FAP62T
8-Ch Amplifier	1	QSC	CX108V
Stationary IR Transmitter	1	Listen	LT-82-01
Stationary IR Radiator - Grey	1	Listen	LA-140-GY
NiMH Rechargeable Battery Pack	1	Listen	LA-364
8-Unit IR Charging Station	1	Listen	LA-305-01
DSP Processor	1	Biamp	AudiaFLEX NC
AEC Input Card	4	Biamp	AEC-2HD
Input card	1	Biamp	IP-2
Output card	6	Biamp	OP-2e
Telephone interface card	1	Biamp	TI-2
Wireless System Microphone Base	1	Revo	02-HDDUAI-NM
XLR Transmitter	1	Revo	01-HDXLRMIC-11
Microphone	1	Shure	BETA 58A
OTHER			
Control System Processor	1	Crestron	CP3N
Power Supply	1	Crestron	PW-2420RU

PART 3 - EXECUTION

3.1 GENERAL

A. General

1. Installation practices shall be in accordance with, but not limited to, the specifications and drawings and shall be performed in accordance with the applicable standards, requirements and recommendations including those of the National, State and Local authorities having jurisdiction.

2. Any variation of the above requires a written request for modification submitted through the proper channels, and the changes will not commence without receiving written approval.

B. Physical Installation

1. All equipment shall be secured in place unless requirements of portability dictate otherwise.

2. Fastenings and supports of the equipment shall be adequate to support their loads with a safety factor of at least three. All boxes, equipment, etc., shall be secured plumb and square.

3. Aesthetic factors should be considered for the installation of all equipment, racks, projectors and other visible items to ensure a pleasant appearance. If in doubt, a request should be made, in writing, through the proper channels to verify the items in question before installation.

C. Trim Components

1. All trim components should match where applicable to the furniture, ceiling and walls. The Contractor should obtain a sample if required by the Architect or Consultant.

D. Cable Installation

1. Wire bundles will adhere to industry standards and be neat and free of cable twists or crossovers.

2. Cables will be marked with a permanent, printer generated cable marker at each end, which corresponds to information shown on drawings.

3. Cables will be grouped according to the signal levels. Separate groups will be formed for the following signal types:

   a. Low level audio

   b. High level audio

   c. Loudspeaker cables

   d. Control cables

   e. Video cables

   f. Data cables

4. No splices are permitted without the approval of the Consultant.

E. Equipment Rack Wiring

1. Power, control and high-level cables should be run on one side of the equipment rack and all other cables run on the opposite side of the equipment rack.

2. All cables should be tied or laced as required.
3. Use of a wire management system or rack frame is required for all vertical cable bundles.
4. Teflon or heat-shrink tubing shall be used to insulate the ground or drain wire.
5. Connections made with screw actuated pressure type terminal strips shall be made following the connector manufacturer's recommendations. Wires should not be tinned.
6. All cable entry will be through the tops or base of the rack.
7. Approved wire and cable types:

a.	RF (Horizontal)	Submit type
b.	RF (Vertical)	Submit type
c.	RGBHV	Extron MHR5
d.	Video Digital and Analog	Belden 1505A
e.	Digital Audio	Belden 1800B
f.	Analog Audio	Belden 8451
g.	Speaker	Submit type
h.	Control	Submit type
i.	CAT 5e	Belden Brilliance
j.	CAT 6a	Submit type

8. The above list is for non-plenum cable. If plenum cable is required, use the equivalent plenum version of the above listed cable types.
9. Cables running in plenum areas without conduit shall be plenum rated cable. It is the responsibility of the Contractor to inspect the required drawings and verify plenum cable requirements.
10. All cable installation must comply with the bend radius requirements recommended by the cable manufacturer.
11. Consultant must approve the substitution of other cable types and manufacturers.

F. Grounding Procedures

1. Primary Ground
   a. A single primary ground shall be established for the systems in the project. Ground conductors from each system will connect to this primary system ground.
   b. A system ground will be provided in each equipment rack and shall consist of a copper buss bar large enough to accommodate all ground conductors.
2. Video Connectors
   a. All BNC connectors will be insulated from the mounting panel.
3. Audio Connectors
   a. All bushing type audio connectors will be insulated from the mounting panel.
4. Audio Cable Shields

a. All audio cable shields shall be grounded at one end only except microphone cables and FTR connections, where the shield shall be connected at both ends but grounded at the patch panel or equipment input only.

b. It shall be the responsibility of the Contractor to follow good engineering practices in the grounding of the system. Any deviations to the above must be approved by the Consultant prior to implementation.

3.2 CONTRACTOR SYSTEM CHECKOUT

A. Contractor will show by proof of performance test that the system is equal to or better than the equipment specifications listed herein. The proof shall be by actual tests.

B. During performance testing, all equipment shall be operated as would be expected under normal system operation conditions. All results will be documented in spreadsheet form.

C. Signal Paths

1. Test all switch cross points and pathways and document the results.

D. Video (Composite, Component, SDI, MPEG)

1. Test and verify all video signal paths from every source to every destination and document the results.
2. Utilize a signal generator capable of outputting the appropriate signal type(s) required for the system and view the image quality.
3. Test, measure and adjust equipment as needed to meet industry standards for displaying such signal types and document the results.
4. Check that the image is correctly displayed on the monitor(s).
5. Measure the signal to noise ratio and document the results.

E. RGB

1. Test and verify all RGB signal paths from every source to every destination and document the results.
2. Utilize a signal generator capable of outputting the appropriate signal type(s) required for the system and view the image quality.
3. Check that the image is correctly displayed on all monitor(s).
4. Utilize the required test patterns and adjust transmission quality for each source and destination.

F. Optical

1. Video display units shall be solidly mounted and braced. No vibration or movement of the image shall be observed.

2. The total averaged light output from a video display, in lumens, shall be within plus-or-minus 15.0% of that specified by the projector manufacturer.

3. The light fall-off from the center of the projected image to all four corners, as measured at the projected image plane, shall not exceed 45% for display images. The light intensity shall be measured at all five positions of the projected image.

G. Audio

1. Test and verify all audio paths from every source to every destination and document the results.

2. Connect the output of the appropriate audio signal generator to each device input, test for a clean signal path to each output, and document the results.

3. Monitor systems and signals and verify that the systems are free from audible noise and hum.

4. Unless specified otherwise, by the equipment manufacturer, all electronic equipment shall be 20Hz to 20 kHz, ± 1.0 db.

H. Control System

1. Test that all equipment to be controlled responds to the commands issued by the control system.

2. Test every controller for proper operation.

3. Verify that the control keypads, remotes and touch screen panel layouts match the layout provided by the Consultant.

4. Verify that the control keypads, remotes and touch screen panel functionality match the functionality requirements as provided by the Consultant.

I. At the conclusion of the tests, calibrate the system.

J. Establish and mark settings for all controls and mark accordingly. These settings will be included in the As-Built drawings.

K. Provide one set of As-Built drawings, manuals and other documentation to the Consultant for approval.

3.3 SYSTEM ACCEPTANCE TESTING

A. The Contractor will furnish all test equipment to perform all tests recommended by the manufacturers and required by the Consultant during commissioning.

B. The integrated system as shown on the drawings must be tested and commissioned as a fully functional system.

C. The Owner or its designated representative may perform or have any tests performed that the Owner requests to verify the testing of the system.

D. The Contractor shall provide a complete test plan to the Project Manager seven days prior to the proposed test date, specifying capabilities and functions to be tested. All test results shall be forwarded to the Project Manager upon completion.

E. Each component will be tested per the manufacturer's recommended tests, to ensure equipment is functioning properly.

F. The Owner may have representation at all testing.

G. The Owner may perform any tests the Owner believes appropriate before accepting the system.

H. A physical inventory will be taken of all equipment on site and will be compared to an equipment list included in the contract documents and as invoiced by the Contractor.

I. The Contractor will demonstrate the operation of the system and all equipment.

J. Final As-Built drawings and manuals will be available at this time.

1. Manufacturers' catalog sheets and specifications for all equipment.
2. Operating manuals for all equipment
3. Source code for all equipment that require programming
4. Test reports for each component and for the entire system
5. All test results will be submitted in hard paper copy and electronic file form
6. As-Built drawings in AutoCAD

K. Complete sets of these documents delivered to the Consultant.

L. If further adjustment is required or defective equipment is discovered, testing may be suspended and rescheduled at the option of the Consultant.

M. The Consultant may charge for additional time required by the Consultant and/or others to over-see the system repair and testing due to improper system installation or incorrect operation of the system. The costs shall be the responsibility of the Contractor.

N. All training sessions with Owner's staff and training media shall be completed.

O. As-built Drawings shall include cable pathways, device locations with correct labeling and locations. The as-built drawings shall be prepared using AutoCAD V. 14 or later. Provide the Owner with electronic versions of the as-builts on CDs.

P. A training program shall be produced specifically for the installed systems. The content of the training program shall allow facility personnel to become familiar with the operation and routine maintenance of their complete system. At a minimum training shall include:

1. Use and programming associated with all input and output equipment and method of operations.
2. Maintenance and care procedures for all installed systems.
3. Set-up and programming procedures of all installed systems.

4. Perform “on-the-job” training of staff during one exhibit setup and one exhibit opening.

5. Lists of spare parts and replacement components recommended to be stored at the site for ready access.

3.4 CONSULTANT AND CONTRACTOR RECOGNITION

A. The installation will bear the following identification plate mounted at the top of the agreed to equipment rack:

SYSTEMS DESIGNED BY:
TECHNOLOGY PLUS, INC.
AURORA, CO. 80014
303-340-8228

SYSTEMS INSTALLED BY:
CONTRACTOR
CITY, STATE ZIP
CONTACT PHONE

3.5 ON-SITE ASSISTANCE

A. Occupancy Adjustments: When requested by owner within one year of date of substantial completion, provide on-site assistance in tuning and adjusting the system to suit actual occupied conditions and to optimize performance.

END OF SECTION 274100

SECTION IV. ATTACHMENT A: Solicitation Information Sheet

STATE OF COLORADO
JUDICIAL DEPARTMENT

State Court Administrators Office
1300 Broadway, Suite 1200
Denver, CO 80203

Confirmation of Offer

The following information is submitted in response to Solicitation # **JUD-RFP-14-SCAOAV-01**. The below named company is voluntarily submitting this offer and acknowledges that it is consistent with the specifications, terms and conditions, and INCLUDES ACKNOWLEDGMENT OF ALL MODIFICATIONS POSTED ON THE COLORADO BIDS SYSTEM.

COMPANY NAME*: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

F.E.I.N.** : _____

DELIVERY DATE: _____

PAYMENT TERMS: _____

SIGNATURE: _____ DATE: _____

Signer Must Be Authorized / Qualified To Bind Offeror

TYPED/PRINTED NAME: _____

TITLE: _____

PHONE: (_____)_____ FAX: (_____)_____

E-MAIL ADDRESS: _____

OFFER MUST BE VALID FOR 12 MONTHS

* PARENT COMPANY: If an Offeror is owned or controlled by a parent company, the name, main office address, and parent company's tax identification number must be provided in the solicitation.

** Supplier is required to submit Federal Employer Identification Number (F.E.I.N.) before payment can be made.

IMPORTANT: Please be certain to include the solicitation number on the outside of the solicitation return envelope or package.

PLEASE RETURN THIS PAGE WITH SOLICITATION DOCUMENTS

COVERAGE of WARRANTY and SUPPORT:
The first year must be free and all inclusive with 2 additional years support service offered as an option. Refer to the Technology Plus Warranty section for detailed warranty requirements in the Specification Document 27 41 00

Complete the pricing schedule for each set of products. The pricing schedule format for pricing must be followed. The Offeror may NOT use their own format to provide pricing information.

This sheet must be signed manually in ink by a person authorized to make an offer on behalf of the bidder.

Company Name: _____

Authorized Signature: _____ *Date:* _____

Typed/Printed Authorizer Name: _____

SECTION VI. ATTACHMENT B

Pricing Sheet RFP 27 41 00

Total proposal price for Pueblo County AV RFP 27 41 00 _____

Total Proposal with Option A (Include Option A Description) _____

Total Proposal with Option B (Include Option B Description) _____

Rooms

1. Magistrate Courtroom 149A _____
2. Courtroom Pair 317B & 311B _____
3. Courtroom Pair 302B & 308B _____
4. Courtroom Pair 336B & 342B _____
5. Courtroom Pair 411B & 417B _____
6. Courtroom Pair 402B & 408B _____
7. Courtroom Pair 436B & 442B _____
8. Courtroom Pair 511B & 517B _____
9. Courtroom Pair 502B & 508B _____
10. 5th Floor Training Room 554 _____
11. 2cd Floor Orientation Room 211 _____
12. Jury Assembly Room 106 _____
13. First Appearance Center 154 _____
14. Waiting Room 205 _____

Items to be priced per item

1. (Four) Evidence Presentation Carts with Document Camera
   Price for one cart _____

2. (Six) Flat Panel Display with carts
   Price per display _____

This sheet must be signed manually in ink by a person authorized to make an offer on behalf of the bidder.

Company Name: _____

Authorized Signature: _____ *Date:* _____

Typed/Printed Authorizer Name: _____

Addendum 1 to 214100

Pueblo AV RFP 21 41 100

Independent Pricing per Courtroom Pair Description and Deductions for Pre Purchased Inventory

1. All bidders shall provide a total cost for the complete installation of the specified AV systems as per the specification Section 274100, however all bidders shall also provide independent pricing for specific rooms, courtrooms or components which are listed further in this attachment.

Courtroom Notes

- All independent courtroom systems pricing will be provided in pairs of courtroom because every two courtrooms will share one rack and one AV closet. The exception is the Magistrate Courtroom (Room 149A) which will be priced as one system.
- Courtroom pricing shall reflect cost reductions due to pre-purchased AV inventory which is listed below. In some instances the quantity of pre purchased inventory items may be sufficient for the entire courthouse installation, i.e. microphones, but in other cases additional inventory may be required to complete all 17 courtrooms. For this reason, each courtroom pair shall be identified by location and priced according to the available inventory to be allocated. (locations pairs listed below)
- Excluding the Magistrate courtroom, there are two types of courtrooms, standard and ceremonial. The only difference with regards to the audio visual installation is there are additional speakers in the 2 ceremonial courtrooms.

2. The 10th Judicial District has pre-purchased quantities of the below listed AV equipment for installation in the new Pueblo County Justice Center. The quantity of specific item types may or may not represent the total of required for the entire scope of installation. All products were purchased in June of 2013 and are in storage and have not been opened.

(5) LG, 55LN549E Flat Panel Display (4 of these can complete the Jury Assembly requirement and 1 can partially supply the FAC)
(51) Shure, MX418DC Desk Top Microphone (all 17 Courtroom)
(34) Shure, MX418C Gooseneck Shock Mount Microphone (all 17 Courtrooms)
(17) Shure, MX395B/O Boundary Microphone (all 17 Courtroom)
(120) Atlas, FAP62T Loudspeaker Assembly (all 17 Courtroom)
(17) Listen, LS-80-01-GY Assisted Listening System Package (11 Courtroom)
(17) Listen, LT-82-01 IR Transmitter (11 Courtrooms)
(17) LA-326 Rack Mount Bracket (11 Courtroom)
(17) Listen, LA-350-01 Charging Station (11 Courtrooms)
(68) Listen, LR-44 Receiver (11 Courtroom)
(68) Listen, LA-166 Induction Neck Loop (11 Courtroom)
(136) Listen, LA-364 Rechargeable Battery (11 Courtroom)

(3) Biamp, AudiaFlex-NC Digital Signal Processing Frame (3 Courtrooms)
(Each configured with the following; (4) AEC-2HD input cards, (2) IP-2 input cards, (6) OP-2e output cards, (1) TI-2 telephone interface)

The following list is the per courtroom or per item pricing breakout to be completed. Please provide per room group pricing with deductions for pre purchased inventory where applicable.

Rooms

1. Magistrate Courtroom 149A
2. Courtroom Pair 317B & 311B
3. Courtroom Pair 302B & 308B
4. Courtroom Pair 336B & 342B
5. Courtroom Pair 411B & 417B (this pair includes ceremonial CR)
6. Courtroom Pair 402B & 408B
7. Courtroom Pair 436B & 442B
8. Courtroom Pair 511B & 517B (this pair includes ceremonial CR)
9. Courtroom Pair 502B & 508B
10. 5th Floor Training Room 554
11. 2cd Floor Orientation Room 211
12. Jury Assembly Room 106
13. First Appearance Center 154
14. Waiting Room 205

Items to be priced per item

1. (Four) Evidence Presentation Carts with Document Camera
2. (Six) Flat Panel Display carts

Note:
The HSA400 Extron Pop up AV interface (2 per courtroom) is being provided by the Furniture (table) Supplier. Please omit this item from your purchased material requirements.

Addendum 2 to 214100

Pueblo County Justice Center Audiovisual RFP 21 41 100

55 inch Monitor Mounting in Jury Assembly and FAC

All flat panel TVs (55”) which are to be installed into the Jury Assembly [Room 106] and the First Appearance Center [Room154] have been specified with ceiling post mounts (Chief CPM). Please revise your bid use wall mount solutions instead of ceiling post mount. Backing for the wall mount has been installed by contractor at the specified locations.

Jury Assembly Room 106

a. 2 TVs (FP 3 & FP 4) requires a hinged solution. An example of that mount is the Chief PDR.
b. TVs (FP 1 and FP2) are flat on the wall and require a flat wall mount, example Chief LSM. Adequate backing has been preinstalled at the desired wall height.

FAC Waiting Room

a. Room154 contains 3 Flat Panel TVs (FP 10, FP 11, and FP 12) which all require wall mounts, example Chief LSM